ABSTRACT OF THE DISCLOSURE

A secondary-battery control circuit is provided. The secondary-battery control circuit includes a first path supplying a first load current from one or more secondary batteries connected in series or parallel to a system, and including a first cutoff switch; and a second path supplying a second load current from the one or more secondary batteries to the system, wherein the first cutoff switch is turned off if a voltage of the one or more secondary batteries is lower than a predetermined voltage, or if the first load current is greater than a predetermined current, thereby cutting off the first load current to the system.